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## Migi to Hidari no Iden.

*Rigakuhakushi Ikeno-Seiitirô.*

Migi to Hidari no Iden.

Onazi Syurui no Syokubutu ya Dôbutu de, Migi to Hidari no Tigai no aru Mono ga iroiro aru. Sitani sôiu Mono no Rei wo sukosi agete miru.

LEAKE ni yoruto, Indo no Wata no Syurui niwa, Ha no Waki ni Me ga hutatu dete iru. Sore no hitotu wa omona Me de, sore no Soba ni huzokuno Me ga hitotu aru. Sôsite kono Baai ni huzokuno Me ga omona Me no Migi ni dete iru koto to, Hidari ni dete iru koto to aru ga, ipponno Kabu dewa sore ga itumo Hidari toka, Migi toka ni kimatte iru. Ipponno Kabu kara takusanno Ko ga umaredereba, sore no oyoso hanbun wa Migi, nokori hanbun wa Hidari de aru. Hitotu no Rei wo ageruto, Migi 432-hon, Hidari 442-hon, hutatu no Kazu ga konotôri hotondo hitosii.

DE VRIES ga sirabeta nadakai Nediretiizeru (*Dipsacus silvestris torsus*) dewa Migi ni nedireta Kabu ga 245-hon, Hidari ni nedireta no ga 239-hon no Wariai da sô da.

Nedibana (*Spiranthes australis*) wa Nippon dewa yoku haete iru Rankwa no tiisai Kusa da ga, sore no Hana no Ho wa Migi ni nedireta no to, Hidari ni nedireta no to aru. TAKEDA-HISAYOSHI Kun no Kandyô ni yoruto, Migi 155-hon, Hidari 189-hon. Notini KÔRIBA-KWAN Kun ga motto takusanno Kabu ni tuite kandyôsita ga, sore ni yoruto, Migi 7977-hon, Hidari 7862-hon de, hutatu no Kazu wa yappari hotondo hitosii.

Watasi wa yohodo mae kara Sazaeôbako (Uekiya wa Horagai-ôbako to itte iru, *Plantago major* var. *asiatica* no Hinshu de, MAKINO Kun ga *contorta* to iu Namae wo tuketa Mono, Du wa IINUMA-YOKUSAI no Sômoku-Dusetu Maki no 2, Duhan 30, aruiwa watasi no Syokubutu-Keitôgaku, Daisanno Han, Zyô no Maki, Du 29 ni aru) ni tuite iroirona Kenkyû wo okonatta ga, kono Hinsyu dewa Ha ga ikumai mo yokoni kuttukiatte, sore ga Migi aruiwa Hidari ni issyoni nedireru no de aru. Kono Oobako demo ipponno Kabu dewa Nedire no Muki ga Migi



Sazaeôbako.

*Plantago major* L. var. *asiatica*  
DECNE. f. *contorta* MAKINO.

Migi to Hidari no Iden.

aruiwa Hidari no dotira ka ni kimatte iru (goku marenî Tori-  
noke wa aru ga). Tatoeba, watasi wa ikudomo sore no Kandyô  
wo sita ga hitotu no Rei wo ageruto, Migi 94-hon, Hidari 102-  
hon de, ryôhô no Kazu wa hotondo hitosii.

Ueni itta Tokoro de miruto, Syokubutu de Migi-Hidari no  
Tigai ga aru Syurui ni oite wa, sore no Kazu ga hotondo hitosii  
no ga ippanno Kisoku no yôni mieru.

Sikasi mata tugino yôna Baai mo aru. Igirisu no Gakusha  
no COMPTON to iu Hito wa Mugi no Tane wo maite, sore kara  
deru Kaiware no hazimetenô Ha wo sirabeta. Kono Ha wa  
mada wakakute hirakanai Zibun niwa maite iru, sôsite tyôdo  
Nippon no Kimono wo kita yôni, IPPÔNO Huti ga hokano IPPÔNO  
Huti no ueni kasanatte iru, sitagatte Kimono dôyô Hidari-mae  
no koto to Migi-mae no koto to atte, sore ga Kabu ni yotte  
kimatte iru COMPTON no Kandyô ni yoruto, Migi-mae no Kabu  
2557-hon, Hidari-mae no Kabu 3569-hon, sunawati kono Baai  
niwa Migi to Hidari ga hotondo hitosii to iu wake de naku,  
Migi ga Hidari yorimo sukunaku, Hidari ga oyoso 58% de aru.

Ueni itta Tokoro de miruto, mare niwa Migi to Hidari ga  
hitosiku nai koto ga aru no ga wakaruru de arô.

Sate sono tugini zehi okotte kuru Mondai wa, Migi-Hidari ga idensuru ka, dôka to iu koto de aru. Migi-Hidari no Iden to iu nowa, Migi no Oya kara wa Migi no Ko ga Hidari no Ko yorimo yokeini umare, mata Hidari no Oya kara wa hantaini Hidari no Ko ga yokeini umarederu to iu koto de aru. COMPTON wa ueni itta Mugi no Kaiware no Ha ni tuite kono Iden no Zikken wo okonatta, Sunawati, COMPTON wa 1909 nen to 1910 nen to ni Migi kara no Tane to Hidari kara no Tane to wo betubetuni maite, sore kara deru Ko no Migi to Hidari no Kazu wo kandyôsita. Madu hazimeni 1909-1910 no Zikken wo age te miruto,

Oya	.....	Hidari		Migi	(1909 nen)
		┌───┐		┌───┐	
Kodomo	....	{	Hidari	Migi	(1910 nen)
			134	97	
				Hidari	Migi
				245	164

Ueno Hyô no Kodomo no uti kara, Hidari to Migi no Kabu ikuraka wo eramidasite Tane wo tori, sore kara deru Kodomo (sunawati Hazime kara ieba Mago) no Migi-Hidari no Kazu wo 1911 nen ni kandyôsita, tugino tôri:—

Kodomo	.....	Hidari		Migi	(1910 nen)
		┌───┐		┌───┐	
Mago	.....	{	Hidari	Migi	(1911 nen)
			1960	1401	
				Hidari	Migi
				1609	1156

Ueno hutatu no Hyô no Kazu wo awasuto,

Hidari=3948-hon, Migi=2816-hon,

sunawati Hidari wa oyoso Sôtai no 58% ni ataru.

Konotôri de Migi no Oya kara yokeini Migi no Ko ga deru no demo naku, mata Hidari no Oya kara tokubetuni yokeini Hidari no Ko ga deru no demo naku, Migi to Hidari no Wariai wa itumo kimatte ite, mae to onaziku kono Baai nimo Hidari ga Sôtai no 58% ni ataru, sitagatte *Migi-Hidari wa idensinai to ieru.*

Sikasi kokoni tugino yôna Baai ga aru. Sorewa Syokubutu dewa naku, Ningen de aru ga, Hito ga ryôhô no Te wo kumiawasuto, Hito ni yotte Migi no Te no Oyayubi ga Ue ni naru no to, Hidari no Te no Oyayubi ga Ue ni naru no to aru (watasi zisin wa Migi ga Ue ni naru ga). Aruhito no Sirabe ni yoruto,

Oya no Kumiawase		Kodomo no Kazu
		Migi      Hidari
♂Migi × ♀Migi	..... 166 (=72,5%)	63
♂Migi × ♀Hidari	..... 61 (=55,5%)	49
♂Hidari × ♀Migi	..... 86 (=57,3%)	64
♂Hidari × ♀Hidari	..... 46 (=42,2%)	63

Ueno Hyô ni aru tôri, Hutaoya tomo Migi da to, Kodomo ni Migi ga ôi (72,5%), hutari tomo Hidari da to, Migi ga sukunai (42,2%). Sikasi Hutaoya no ippô ga Hidari de, ippô ga Migi da to, Kodomo no Migi-Hidari no Wariai wa ueno hutatu no Aida wo totte iru (sunawati Migi ga 55,5%-57,3%). Site miruto, kono Baai niwa Migi-Hidari ga *tasyô idensuru mono* to kangaerareru.

Maeni hanasita Sazaeôbako dewa Migi-Hidari no Iden wa dô de arô ka? Tatoeba, watasi wa Taisyô 2 nen ni sore no Migi ni maita Mono to Hidari ni maita Mono to kara Tane wo totte, sore wo betubetuni maite, sore kara deru Kodomo no Migi-Hidari no Kazu wo kandyôsita ga, tugino tôri de atta:—

Oya .....	Migi	Hidari	(Taisyô 2 nen)
Kodomo ..	<div style="display: inline-block; vertical-align: middle;"> <div style="text-align: center;">Migi 305</div> <div style="text-align: center;">Hidari 268</div> </div>	<div style="display: inline-block; vertical-align: middle;"> <div style="text-align: center;">Migi 156</div> <div style="text-align: center;">Hidari 134</div> </div>	(Taisyô 3 nen)

Watasi wa kono Kazu ni yotte Migi-Hidari ga idensuru ka, dôka wo kimeru noni, maeni itta COMPTON no Yarikata de naku, Sôgaku de iu “Correlation” no Hôhō de, sirabeta. Sunawati, kono Kazu ni yotte iwayuru Correlation no Hyô wo tukutte miruto,

	Migi	Hidari	Gôkei
Migi	305	268	573
Hidari	156	134	290
Gôkei	461	402	863

Kono Hyo ni yotte Correlation no Keisû (“Coefficient”) wo kandyô suruto,

$$r = +0,005 \pm 0,034$$

Konotôri  $r$  (Keisû) ga hizyôni tiisaku, Gosa (=0,034) no hô ga kaette ôkii, sunawati Sazaeôbako dewa *Migi-Hidari ga sukosimo idensinai* koto ga akiraka de aru.

Yôsuruni, Migi-Hidari wa marenî idensuru koto ga attemo, *idensinai no ga ippanno Kisoku de aru.*